Range: Mode: Normal Codon Table : Universal ATG GGC GAC CCG GAA AGG CCG GAA GCG GCC GGG CTG GAT CAG GAT GAG AGA TCA Met Gly Asp Pro Glu Arg Pro Glu Ala Ala Gly Leu Asp Gln Asp Glu Arg Ser 72 -TCT TCA GAC ACC AAC GAA AGT GAA ATA AAG TCA AAT GAA GAG CCA CTC CTA AGA Ser Ser Asp Thr Asn Glu Ser Glu lle Lys Ser Asn Glu Glu Pro Leu Leu Arg AAG AGT TCT CGC CGG TTT GTC ATC TTT CCA ATC CAG TAC CCT GAT ATT TGG AAA Lys Ser Ser Arg Arg Phe Val lle Phe Pro lle Gin Tyr Pro Asp lle Trp Lys ATG TAT AAA CAG GCA CAG GCT TCC TTC TGG ACA GCA GAA GAG GTC GAC TTA TCA Met Tyr Lys Gin Ala Gin Ala Ser Phe Trp Thr Ala Giu Giu Vai Asp Leu Ser AAG GAT CTC CCT CAC TGG AAC AAG CTT AAA GCA GAT GAG AAG TAC TTC ATC TCT Lys Asp Leu Pro His Trp Asn Lys Leu Lys Ala Asp Glu Lys Tyr Phe !!e Ser CAC ATC TTA GCC TTT TTT GCA GCC AGT GAT GGA ATT GTA AAT GAA AAT TTG GTG His lle Leu Ala Phe Phe Ala Ala Ser Asp Gly lle Val Asn Glu Asn Leu Val 342. GAG CGC TIT AGT CAG GAG GTG CAG GTT CCA GAG GCT CGC TGT TTC TAT GGC TTT Glu Arg Phe Ser Gln Glu Val Gln Val Pro Glu Ala Arg Cys Phe Tyr Gly Phe CAA ATT CTC ATC GAG AAT GTT CAC TCA GAG ATG TAC AGT TTG CTG ATA GAC ACT GIn lle Leu lle Glu Asn Val His Ser Glu Met Tyr Ser Leu Leu lle Asp Thr

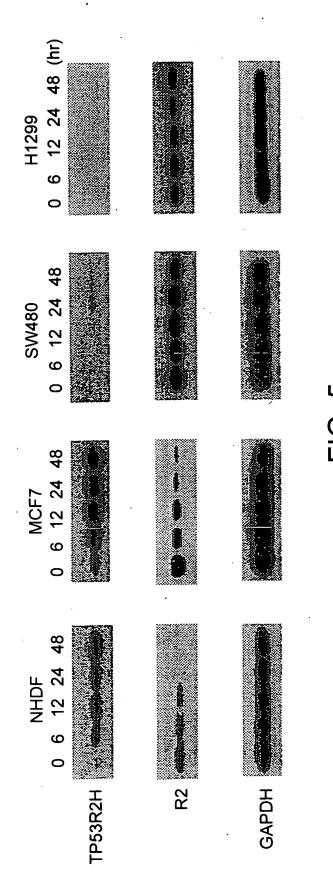
										2/0				•			
TAC	ATC	441 AGA	GAT	CCC	450 AAG	AAA	AGG	459 GAA	III	TTA	468 TTT	AAT	GCA	477 ATT	GAA	ACC	486 ATG
Tyr	lle	Arg	Asp	Pro	Lys	Lys	Arg	Glu	Phe	Leu	Phe	Asn	Ala	lle	Glu	Thr	Met
												•					
CCC	TAT	495 GTT	AAG	AAA	504 AAA	GCA	GAT	513 TGG	GCC	TTG	522 CGA	TGG	ATA	531 GCA	GAT	AGA	540 AAA
																	Lys
																	٠
TCT	ACT	549 TTT	GGG	GAA	558 AGA	GTG	GTG	567 GCC	TTT	GCT	576 GCT	GTA	GAA	585 GGA	GTT	TTC	594 TTC
																	Phe
		502			£12						£ 20			620			648
TCA	GGA	TCT	111	GCT	GCT	ATA	TTC	TGG	CTA	AAG	AAG	AGA	GGT	CTT	ATG	CCA	GGA
Ser	Gly	Ser	Phe	Ala	Ala	ile	Phe	Trp	Leu	Lys	Lys	Arg	Gly	Leu	Met	Pro	Gly
		657			666			675			684			593			702
		111	TCC	AAT	GAA	CTC	ATC	AGC	AGA	GAT	GAA	GGA	CTT	CAC	TGT	GAC	111
Leu	Thr	Phe	Ser	Asn	Glu	Leu	He	Ser	Arg	Asp	Glu	Gly	Leu	His	Cys	Asp	Phe
		711			720			729		•	738			747			756
																	AGG
Ala	Cys	Leu	Met	Phe	Gin	iyr	Leu	Val	ASN	Lys	Pro	Ser	Glu	Glu	Arg	Val	Arg
		765									792			801			810
																	TTG
610	116	116	Val	ASD	AIZ	Val	Lys	116	GIU	GIN	GIU	rne	Leu	Ihr	GIU	Ala	Leu
		819			828	•		837			846		.*	855			864
																	TTT
Pro	Val	Gly	Leu	lle	Gly	Met	Asn	Cys	lle	Leu	Met	Lys	Gln	Tyr	lle	Glu	Phe
		873			882			891			900			909			918
GTA	GCT		AGA	TTA											CAG	GCA	
Val	Ala	Asp	Arg	Leu	Leu	Val	Glu	Leu	Gly	Phe	Ser	Lys	Val	Phe	Gln	Ala	Glu

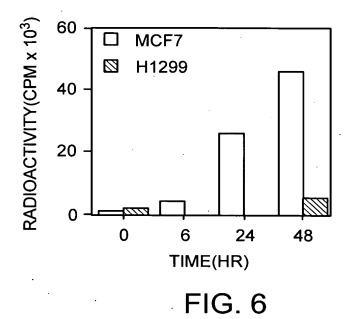
		927			936			945			954			963			972
AAT	CCT	III	GAT	TIT	ATG	GAA	AAC	TTA	TCT	TTA	GAA	GGA	AAA	ACA	AAT	TTC	III
Asn	Pro	Phe	Asp	Phe	Met	Glu	Asn	lle	Ser	Leu	Glu	Gly	Lys	Thr	Asn	Phe	Phe
		981			990			999		,	1008			1017		1	1026
GAG	AAA	CGA	GTT	TCA	GAG	TAT	CAG	CGT	TTT	GCA	GTT	ATG	GCA	GAA	ACC	ACA	GAT
Glu	Lys	Arg	Val	Ser	Glu	Tyr	Gln	Arg	Phe	Ala	Val	Met	Ala	Glu	Thr	Thr	Asp
		1025			1 <i>044</i>			1053									
AAC								TTT	2,								
AAC	uic	116	ALL	116	UAI	UUA	UAI	111	3								
																*	
Asn	Val	Phe	Thr	Leu	Asp	Ala	Asp	Phe									

FIG. 3

Lipman-Pe	earson l	Protein A	lignment									
Ktuple: 2	2; Gap	Penalty:	4; Gap	Length Pe	enalty: 12	<u>}</u>						
Seq1 (1)3!	51)			Seq2 (1	(88 (<		Similarity Index					
Tp53r2h.;	pro			R2. pro								
(15>351)				(53>389	9)		80. 4 77. 5					
(1>351)				(39>38								
			ı	(00)	•							
T 0745411		10	20	30	40	50	60	70	80			
TP53R2H	MGDPE	•	DERSSSDTNE			- · · · · ·						
	•		1. :. :. 1:.	-								
R2			REPTEPKTKA		LRENPRREVIE 80	-			QHWES			
	40	50	60	70	80	90	100	110				
		0.0	100	110	120	120	140	100				
TP53R2H	LVADE	90 ************************************	100 Fraasdgivni	110	120 NOVDE A DCEV	130	140	150	160			
IFBSRZI				-	VOVPEARUPIT							
R2	, ,		FFAASDGIVNI		11 ()			: .				
n L	120	130	140	LINE VERFSUE	160	170	180	190	LNAIE			
	,,,,,,	100	770	100		****		, 130				
		170	180	190	200	210	220	230	240			
TP53R2H	TMPYV	KKKADWALRI	WIADRKSTFG		GVFFSGSFAA							
			: :.: :						1111:			
R2	TMPCV	KKKADWALRI	WI GDKEATYG	ERVVAFAAVE	GIFFSGSFAS	IFWLKKRGLM	PGLTFSNELI	SRDEGLHCDFA	CLMFX			
•	200	210	220	230	240	250	260	270				
								·				
		250	260	270	280	290	300	310	320			
TP53R2H	YLVNK	PSEERVREI	IVDAVKTEQE	FLTEALPYGL	IGMNCILMKQ	YIEFVADRLL	VELGFSKVFQ	AENPFDFMENI	SLEGX			
	. 11:1	1111111111	1::11:1111	1111111111111	11111. 1111	111111111111111111111111111111111111111	:11111111:.	.1111111111	ШШ			
R2	HLVHK	PSEERVREI	IINAVRIEQEI	FLTEALPVKL								
-	280	290	300	310	320	330	340	350				
		330	340	350								
TP53R2H	TNFFF		AVMAETTONVI									
		-	: : :									
R2			. I I I . I GVMSSPTENSI				-		4			
υ£	360	370 370	,	TLUNUT			F	FIG. ∠	ł			
	200	210	380									







Part of the first of the first

FIG. 7

